

**Streptococcus sanguinis, Strain VMC66**

**Catalog No. HM-275**

**Product Description:** *Streptococcus sanguinis* (*S. sanguinis*), strain VMC66 was isolated from a patient with a subacute case of bacterial endocarditis. (Note: The strain designation, strain VCM66 on the vial label for lot 59265308 is incorrect. The correct strain designation is VMC66.)

**Lot<sup>1,2</sup>: 59265308**

**Manufacturing Date: 16JUN2010**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Hemolysis on blood agar Motility Biochemical Characterization Analytical profile index (API 20 Strep®) Catalase	Report results Report results  α-hemolytic Non-motile  Consistent with <i>S. sanguinis</i> Negative	Gram-positive cocci Circular, convex and entire (Figure 1) α-hemolytic Non-motile  Consistent with <i>S. sanguinis</i> Negative
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% identical to <i>S. sanguinis</i> , strain VMC66 (GenBank: AEVH01000020.1)	≥ 99% identical to <i>S. sanguinis</i> , strain VMC66 (GenBank: AEVH01000020.1)
<b>PCR Assay of Extracted DNA</b> 16S ribosomal RNA gene	~ 1500 base pair amplicon	~ 1500 base pair amplicon
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>*S. sanguinis*, strain VMC66 was deposited by Todd Kitten, Ph.D., Associate Professor of Oral & Craniofacial Molecular Biology and Microbiology & Immunology, Virginia Commonwealth University, Richmond, Virginia, USA. The deposited material was inoculated into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Kolles, which were grown for 1 day at 37°C and 5% CO<sub>2</sub> to produce this lot.

<sup>3</sup>1 day at 37°C and 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



14 FEB 2018

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.  
You are authorized to use this product for research use only. It is not intended for human use.

